

## LANGFANG NABO CHEMICAL TECHNOLOGY CO., LTD

### Certificate of analysis

No. NBCOA20210306-02

English name	Ferrous sulfate heptahydrate		
Molecular formula	FeSO <sub>4</sub> · 7H <sub>2</sub> O	Molar weight	278.01
Sample source	NABOCHEM	Lot number	20210306
Appearance	Light blue green crystal		
Sampling date	Mar 07,2021	Report date	Mar 09,2021
<b>Test items</b>			
<b>Test items</b>		<b>Test standards</b>	<b>Test results</b>
Assay(FeSO <sub>4</sub> ·7H <sub>2</sub> O) /%		99.0~101.0	99.9
Water insoluble /%		≤0.005	0.003
Chloride(Cl) /%		≤0.001	0.000 8
Total nitrogen(N) /%		≤0.001	0.000 8
Phosphate(PO <sub>4</sub> ) /%		≤0.000 5	0.000 3
Arsenic(As) /%		≤0.000 2	0.000 1
Manganese(Mn) /%		≤0.05	0.032 8
Ferric iron(Fe <sup>3+</sup> ) /%		≤0.02	0.008
Copper(Cu) /%		≤0.002	0.001
Zinc(Zn) /%		≤0.005	0.002 2
Lead(Pb) /%		≤0.002	0.001
Ammonia water does not precipitate (as SO <sub>4</sub> ) /%		≤0.05	0.03
Conclusion: Up to grade		Analyst: Chen S.Q.	Responsible person: Ma Z.X.
Remarks: AR			